Planning & Development Services Department
Building & Code Regulations Division
2300 Virginia Avenue
Fort Pierce, FL 34982
772-462-1553

Design Certification for Wind Load Compliance

This Certification must be completed by the project design **architect or engineer.** This Certification must be submitted **in duplicate** with all applications for building permits involving the construction of new residence (single or multi- family), residential addition, any accessory structure requiring a building permit, and any nonresidential structure. This Certification shall not apply to interior renovations (provided that no exterior structural walls, columns or other components are being affected) and certain other minor building permits. For further assistance, please contact the Building Inspection Office at **(772)462-1553**

Project Name		Office Use Only	
Street Address		Permit Number	
		Occupancy Type	
		Construction Type	

Certification Statement:
I certify that, to the best of my knowledge and belief, these plans and specifications have been designed to comply with the applicable structural portion of the Building Codes currently adopted and enforced by St. Lucie County. I also certify that structural elements depicted on these plans provide adequate resistance to the wind loads and forces specified by current code provisions.

Design Parameters and Assumptions Used: **(Please check or complete the appropriate box.)**

1 Florida Building Code 20_____Edition with 20_____ Supplements and ASCE 7 _____

2. Building Design is: Enclosed: _____ Partially Enclosed: _____ Open Building: _____

3. Mean Roof Height: _____ Roof Pitch: _____ Internal Pressure Coefficient: _____

4. Width of End Zone: _____ Wind Speed: _____ (3 sec. gust)

5. Building Classification Table 1-1. ASCE 7_____FBC Table 1604.5 _____

6. Wind Exposure Classification:_____ Adjustment Factor for Exposure & Height: _____

7. Components & Cladding Wind Pressure on Roof Zone 1_____2_____3_____PSF

8. Components & Cladding Wind Pressure on Wall Zone 4_____5_____ PSF

9. Components & Cladding wind Pressure on Overhead Garage Door _____PSF

10. Loads: Floor_____ PSF Roof/dead_____ PSF Roof/live_____ PSF

11. Shear Walls Considered for Structure? Yes _____ No _____ (if No, attach explanation)

12. Continuous Load Path provided? Yes _____ No _____ (if No, attach explanation)

13. Are Component and Cladding Details Provided? Yes ____ No ____ (if No, attach explanation)

14. Minimum Soil Bearing Pressure: _____ Presumptive: _____ By Test: _____ PSF

As witnessed by my seal, I hereby certify that the information included with this certification is true and correct, to the best of my knowledge and belief.

Name: _____Cert #: _____

Design Firm: _____Date: _____